

Recombinant Human soluble Tumor Necrosis Factor Receptor Type I/TNFRSF1A

#R00102

Size: 5 µg/100 µg/500 µg

Stability & Storage

- Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
- 12 months from date of receipt, -20 to -70 °C as supplied.
 - 1 month, 2 to 8 °C under sterile conditions after reconstitution.
 - 3 months, -20 to -70 °C under sterile conditions after reconstitution.



Warning: This product is intended for scientific research only. It is not to be used for medical or diagnostic procedures in humans or animals, nor as a food, cosmetic, or household product.

AA Sequence

IYPSGVIGLVPHLGDREKRDSVCPQGKYIHPQNN SIC
 CTKCHKGTYLYND CPGPGQD TDCRECESGSFTASE
 NHLRHCLSCSKCRKEMGQVEISSCTVDRDTVCGCR
 KNQYRHYWSENLFQCFNCSLCLNGTVHLSCQEKQN
 TVCTCHAGFFLRENECVSCSNCKKSLECTKLCLPQIE
 NVKGTEDSGTT

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions.

Product Specification

Accession	P19438
GeneID	7132
Species	Human
Source	Escherichia coli.
Molecular Weight	Approximately 21.2 kDa, a single non-glycosylated polypeptide chain containing 190 amino acids.
Purity	> 97 % by SDS-PAGE and HPLC analyses.
Biological Activity	Fully biologically active when compared to standard. The ED ₅₀ as determined by its ability to inhibit the TNF-alpha mediated cytotoxicity in the L-929 cells is less than 0.05 µg/ml, corresponding to a specific activity of > 2 × 10 ⁴ IU/mg in the

	presence of 0.25 ng/mL of rHuTNF-alpha.
Physical Appearance	Sterile Filtered White lyophilized (freeze-dried) powder.
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS, pH 7.4.
Endotoxin	Less than 0.1 EU/µg of rHusTNF RI/TNFRSF1A as determined by LAL method.